

REMARKS

Claims 1 to 15 were pending in this application. Claims 1 to 15 have been canceled without prejudice. Applicants reserve the right to prosecute the subject matter of the canceled claims in the present application and/or one or more related applications. New claims 16 to 51 have been added. In order to expedite prosecution and in view of the species election, the new claims are directed to a method for identifying a small molecule instead of a method for identifying a compound. The new claims are fully supported by the specification, see, *e.g.*, the table below for examples of support in the specification for the new claims.

Claim No.	Examples of Support in Specification
16	page 6, lines 26 to 21; page 3, line 33 to page 5, line 1; page 9, lines 24 to 25; Section 5.4, page 40, line 20 to page 50 line 4
17	page 6, lines 26 to 21; page 3, line 33 to page 5, line 1; page 9, lines 24 to 25; Section 5.4, page 40, line 20 to page 50 line 4, page 12, line 24 to page 13, line 3; page 11, line 5 to page 12, line 3, page 105, lines 1 to 3; page 107, lines 5 to 6
18	page 6, lines 26 to 21; page 3, line 33 to page 5, line 1; page 9, lines 24 to 25; Section 5.4, page 40, line 20 to page 50 line 4, page 14, lines 8 to 24; page 11, line 5 to page 12, line 3; page 105, lines 1 to 3; page 107, lines 5 to 6
19	Page 4, lines 1-5
20	Page 4, lines 5-10
21	page 99, lines 17 to 28
22	page 102, lines 24-25
23	Page 102, lines 14 to 20
24	page 99, lines 17 to 28
25	page 101, lines 29 to 34
26	page 101, lines 29 to 34
27-29	page 104 lines 1 to 3
30-32	page 102, lines 10 to 12
33-35	page 102, lines 12 to 13
36	page 34, lines 19 to 21
37	page 31, lines 34 to page 35, line 2
38	page 40, lines 21 to 24
39	page 43, lines 16 to 26
40	Claim 8 as originally filed
41	page 35, line 30 to page 36, line 18
42	page 35, line 30 to page 36, line 18
43	page 8, lines 22 to 24

Claim No.	Examples of Support in Specification
44	page 29, lines 8 to 17
45	page 8, line 30 to page 9, line 9
46	Section 5.7, page 66 line 28 to page 73, line 5
47	page 95, lines 23 to 24
48	page 72, lines 24 to 32
49	page 95, lines 28 to 29
50	page 11, lines 27 to 33; page 104, lines 9 to 13
51	page 11, line 33 to page 12, line 8; page 104, lines 13 to 18

Thus, no new matter has been added. After entry of the present Amendment, claims 16 to 51 will be pending in the instant application.

The Examiner has required species elections under 35 U.S.C. § 121. In particular, the Examiner has required that Applicants elect a single species from each of the following:

A. A labeling molecule selected from a fluorescent dye, phosphorescent dye, ultraviolet dye, infrared dye, visible dye, radiolabel, enzyme, spectroscopic colorimetric label, affinity tag, or nanoparticle.

B. A region of 28S rRNA or a premature stop codon.

C. One of the following: (a) a silica gel, (b) a resin, (c) a derivatized plastic film, (d) a glass bead, (e) cotton, (f) a plastic bead, (g) a polystyrene bead, (h) an aluminum gel, (i) a glass slide, (j) a polysaccharide, (k) a chip.

D. A test compound selected from the following: (a) peptoids, (b) random bio-oligomers, (c) diversomers such as hydantoins, benzodiazepines, and dipeptides, (d) vinylogous polypeptides, (e) nonpeptidal peptidomimetics, (f) oligocarbamates, (g) peptidyl phosphonates, (h) peptide nucleic acid libraries, (i) antibody libraries, (j) carbohydrate libraries, (k) a single small organic library selected from benzodiazepenes, isoprenoids, thiazolidinones, metathiazonones, pyrrolidines, morpholino compounds, or diazepinodiones.

E. One of the following: (a) electrophoresis, (b) fluorescence spectroscopy, (c) surface Plasmon resonance, (d) mass spectrometry, (e) scintillation, (f) proximity assay, (g) structure-activity relationships ("SAR") by NMR spectroscopy, (h) size exclusion chromatography, (i) affinity chromatography.

F. One of the following: (a) mass spectroscopy, (b) NMR, (c) X-ray crystallography, (d) Edman degradation, (e) vibration spectroscopy.

In response, Applicants hereby elect the following:

- A. Fluorescent dye.
- B. A region of 28S rRNA.
- C. A resin.
- D. A single small organic library selected from isoprenoid analogs.
- E. Electrophoresis.
- F. Mass spectroscopy.

Applicants believe that claims 16 to 51 read on the elected species.

Applicants respectfully request entry of the amendments and remarks made herein into the file history of the present application.

Respectfully submitted,

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